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CAREER OF DMITRIY VLADIMIROVICH SKOBEL'TSYN, HUCLEAR PHYSICIST

The 60th birthday of Academician Dmitriy Vladimirovich Skobel'tsyn, one of the most distinguished acientists of the USSR, occurred 24 November 1952.

For about 30 years, Skobe staym has worked in the fields of nuclear physics and cosmic rays. In 1923, he started work on the mechanism governing the interaction of hard gaims rays with matter by means of the Wilson chamber. This was arong first wor on nuclear physics in the USSR.

His particular contribution was the detection of recoil electrons originated by hard gamma rays of radium, thus confirming the quantum theory of light suggested by Debye and Compton.

The method for observing traces of high energy particles, introduced by Skobel'tsyn, was of particular value, giving detailed confirmation of the Compton effect for gamma rays and contributing a new method to gamma-ray spec-

In 1928, Skobel tsyn made a detailed investigation of the angular distribution of result electrons, disproving formulas by place and Gordon and confirming formulas by Aleir, Tabler, and Temm.

In 1927 - 1929, the lite a was the first to become in photographing traces of charged country of scales in the filson charges. He contributed to the discovery of scales by Photographic and Contributed.

Skobel'tsyn continues to direct work on cosmic rays and in 1951 he was rewarded a Scalin First Irise.

Skobel tayn devotes much of his time to the organization of scientific activities and to teaching. As director of the Physics Institute imeni Lebedev, he guides a large group of scientists. Also, he prepares new cadree of scientists at Moscow State University.

- 1

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He is also deputy to the Supreme Soviet RSFSR.

In 1952, Skobel'tsyn was the first to be awarded the newly created medal imeni S. I. Vavilov. He also is the recipient of an Order of Lenin and two Orders of the Labor Red Banner.

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